Supplementary Table 7. Univariate and multivariable logistic regression analyses for 30-day respiratory complications after standard surgery

	Univariable		Multivariable	
	Unadjusted OR (95% CI)	P value	Adjusted OR (95% CI)	P value
Timing of diagnosis of COVID-19 prior to surgery				
No preoperative COVID-19	Reference		Reference	
0–4 weeks	3.59 (2.53, 5.08)	<0.001[*]	3.79 (2.66, 5.40)	<0.001[*]
5–8 weeks	1.52 (0.99, 2.35)	0.058	1.45 (0.94, 2.24)	0.096
>8 weeks	1.14 (0.89, 1.47)	0.294	1.21 (0.94, 1.56)	0.134
Age, yr				
0–49	Reference		Reference	
50–69	0.84 (0.81, 0.87)	<0.001[*]	0.77 (0.75, 0.80)	<0.001[*]
≥70	1.56 (1.51, 1.62)	<0.001[*]	1.38 (1.33, 1.43)	<0.001[*]
M (versus F)	1.90 (1.85, 1.95)	<0.001[*]	1.90 (1.85, 1.95)	<0.001[*]
Updated Charlson comorbidity index				
0–3	Reference		Reference	
4–5	1.40 (1.31, 1.49)	<0.001[*]	1.13 (1.05, 1.21)	0.001[*]
≥ 6	1.19 (1.07, 1.33)	0.001[*]	0.92 (0.83, 1.03)	0.157
Fully vaccinated (versus Not or not fully vaccinated)	0.90 (0.87, 0.93)	<0.001[*]	0.85 (0.82, 0.87)	<0.001[*]
Emergency (versus elective surgery)	1.31 (1.17, 1.48)	<0.001[*]	1.13 (1.00, 1.28)	0.042[*]
Relative work unit				
First quartile (lowest)	Reference		Reference	
Second quartile	0.89 (0.85, 0.94)	<0.001[*]	0.90 (0.86, 0.95)	0.001[*]
Third quartile	2.42 (2.33, 2.52)	<0.001[*]	2.32 (2.22, 2.41)	<0.001[*]
Fourth quartile (highest)	1.76 (1.69, 1.83)	<0.001[*]	1.77 (1.69, 1.84)	<0.001[*]
Income level at the index procedure				
First quartile (lowest)	Reference		Reference	
Second quartile	0.89 (0.85, 0.92)	<0.001[*]	0.90 (0.87, 0.93)	<0.001[*]
Third quartile	0.89 (0.86, 0.92)	<0.001[*]	0.85 (0.82, 0.89)	<0.001[*]

Fourth quartile (highest)	1.00 (0.96, 1.03)	0.860	0.91 (0.88, 0.95)	<0.001[*]
Residence level at the index procedure				
Capital city	Reference		Reference	
Metropolitan city	0.94 (0.91, 0.98)	0.005[*]	0.96 (0.92, 1.00)	0.045[*]
Other area	0.98 (0.94, 1.01)	0.160	0.98 (0.94, 1.01)	0.158

OR: odds ratio, COVID-19: coronavirus disease 19. [*]Statistically significant (P < 0.05)